

ABSTRACT

A system for determining a temperature of exhaust gases from an engine is provided. The system includes an exhaust
5 gas sensor having an electric heating coil. The sensor communicates with exhaust gases from the engine. The system further includes an electrical circuit for generating a signal indicative of the resistance of the heating coil when the coil is not energized. Finally, the system includes a
10 controller receiving the signal and calculating the temperature of the exhaust gases based on the signal.